



SEQUENCE LISTING



<110> Chesnut, Jonathan D.  
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Madden, Knut  
Gleeson, Martin  
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Hartley, James L.  
Byrd, Devon R.N.  
Temple, Gary F.

<120> Methods and Compositions for Synthesis of Nucleic Acid Molecules Using  
Multiple Recognition Sites

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<140> 10/005,876

<141> 2001-12-07

<150> 60/254,510

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<150> 60/291,972

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<151> 2001-09-14

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<151> 2001-11-27

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<170> PatentIn version 3.1

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<223> adapter oligonucleotide, TOPO D2

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<223> adapter oligonucleotide, TOPO D5

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<223> PCR primer

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<223> DNA sequence of the C-terminus of a theoretical protein

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<223> DNA sequence of the C-terminus of a theoretical protein

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<223> sequence of reverse primer without stop codon

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<223> sequence of reverse primer with stop codon

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<223> map of multiple cloning sites in plasmids pCDNAGW-DT9(sc) and pENTR-DT(sc)

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<223> Amino acid sequence for pCDNAGW-DT9(sc) and pENTR-DT(sc)

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<223> Amino acid sequence for pcDNAGW-DT9(sc) and pENTR-DT(sc)

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<221> Unsure

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<223> Nucleotide sequence of plasmid pENTR/SD/D-TOPO

<220>

<221> Unsure

<222> (710) .. (715)

<223> N can be any nucleotide: a, t, c, g.

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<223> Nucleotide sequence of plasmid pcDNA3.2/V5/GWD-TOPO

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<221> Unsure

<222> (958)..(966)

<223> N can be any nucleotide: a, t, c, g.

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<211> 5173

<212> DNA

<213> artificial sequence

<220>

<223> Nucleotide sequence of plasmid pcDNA6.2/V5/GWD-TOPO

<220>

<221> Unsure

<222> (958) .. (966)

<223> N can be any nucleotide: a, t, c, g.

<400> 73

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<223> Partial sequence of pENTR/SD-dTOPO

<220>

<221> Unsure

<222> (64)..(69)

<223> N can be any nucleotide: a, t, c, g.



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<212> DNA

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<220>

<223> Nucleotide sequence of TOPO-D71

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<223> Nucleotide sequence of TOPO-D73

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<223> Nucleotide sequence of TOPO-D75

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<223> Partial amino acid sequence of pENTR-dTOPO and pcDNAGW-dTOPO

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<223> Partial amino acid sequence of pENTR/SD-dTOPO, pENTR-dTOPO, and  
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<210> 80

<211> 15

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<223> Product of binding a topoisomerase to part of a nucleic acid molecule

<220>

<221> Unsure

<222> (13)..(15)

<223> N can be any nucleotide: a, t, c, g.

-35-

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